

ABSTRACT

A path prediction system (10) for a vehicle (12) includes vehicle state sensors (18) that generate vehicle state signals. A tracking sensor (20) generates a path characteristic signal. A path prediction module (16) determines predicted path estimations in response to data received from each of the vehicle state sensors (18) and the tracking sensor (20). The path prediction module (16) determines a resultant predicted future path and a path confidence level in response to the predicted path estimations. A controller (14) performs a countermeasure (26) in response to the resultant predicted future path and the path confidence level.